

Daylighting Results-Level 4 (LUX)

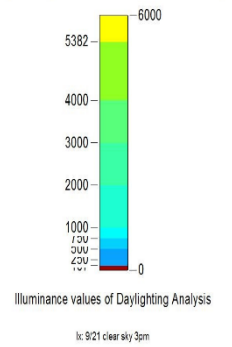
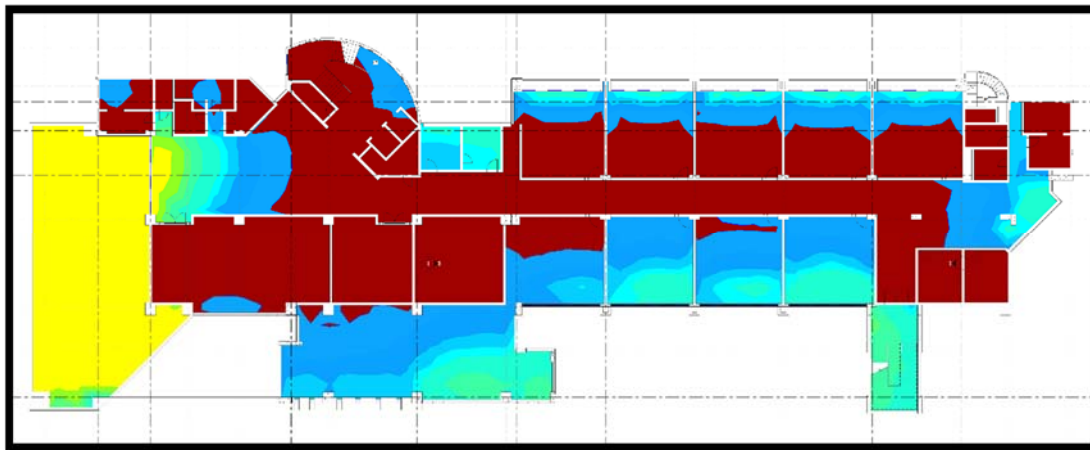


Figure (4-14) 3rd floor lighting analyses



Daylighting Results-Level 5 (LUX)

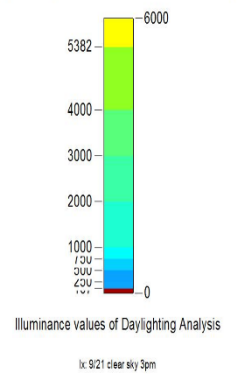
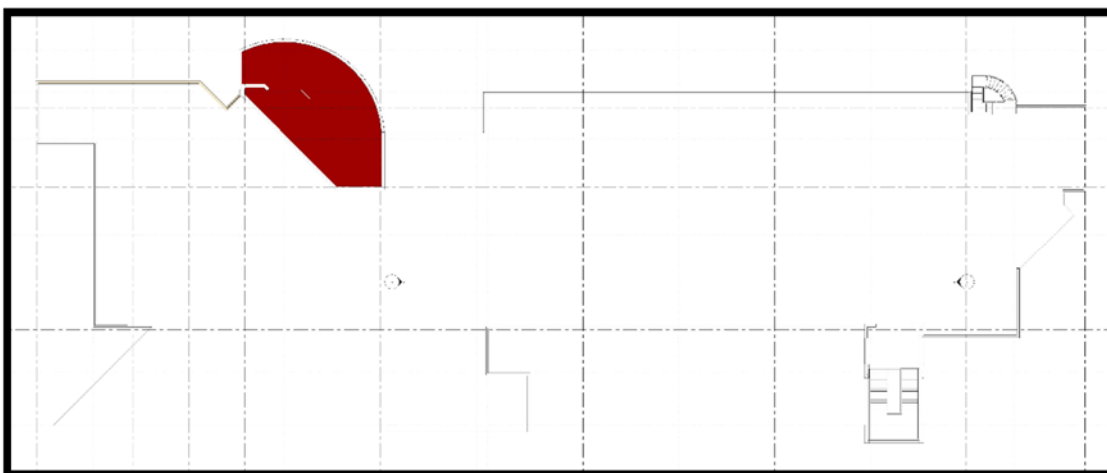


Figure (4-15) 4th floor lighting analyses



Daylighting Results-Level 6 (LUX)

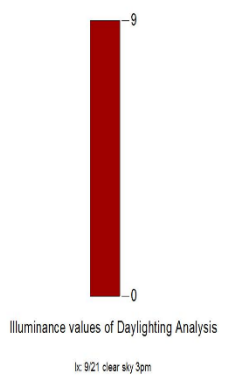


Figure (4-16) roof lighting analyses

Table (4-1): Building A Lighting Analyses Floor Schedule

Floor	Total area(m ²)	Daylight area(m ²)	Threshold results											
			9am						3pm					
			Within		Above		Below		Within		Above		Below	
			%	area	%	area	%	area	%	area	%	area	%	area
Ground	2527	2352	70	1646	0	0	30	706	70	1646	0	0	30	706
First	2136	2075	36	754	1	14	63	1307	36	748	2	37	62	1290
Second	2134	2039	36	731	0	7	64	1301	37	754	1	30	62	1255
Third	2019	2019	39	796	0	7	60	1216	41	820	2	33	58	1166
Fourth	2158	2158	38	827	12	259	50	1072	37	797	13	283	50	1078
Roof	105	105	0	0	0	0	100	105	0	0	0	0	100	105

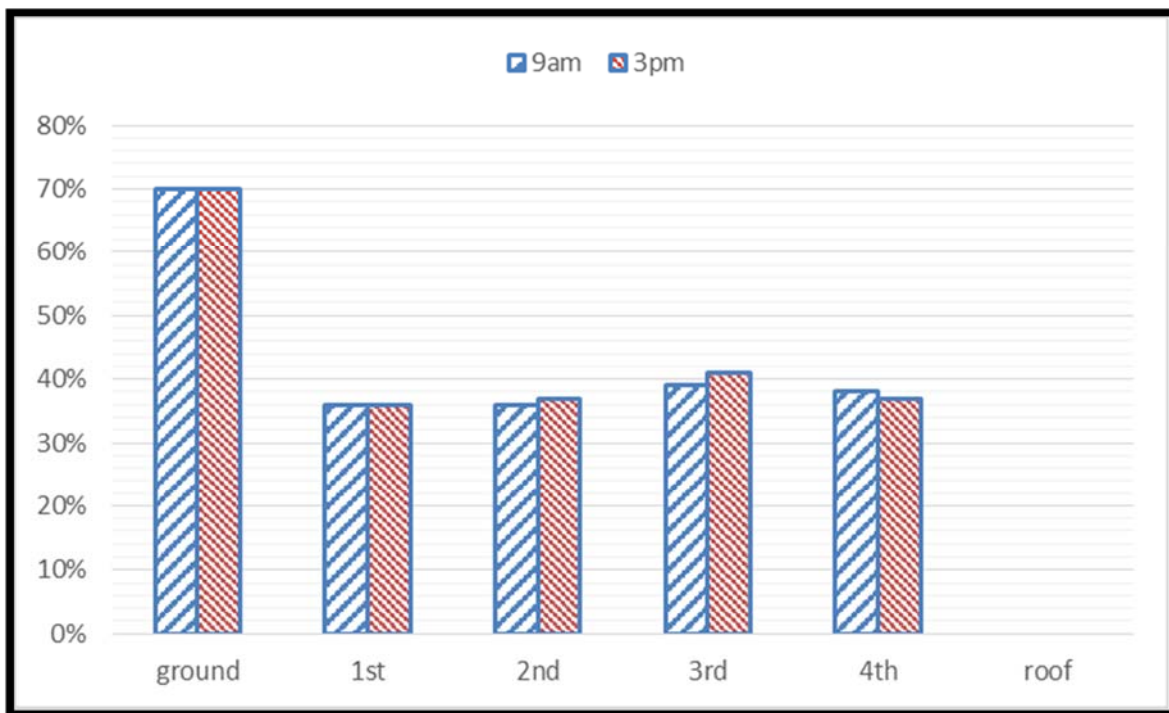


Figure 4-17: percentage of light distribution, floor analyses

4.3.4.2 Natural lighting analyses for building B

The analyses result of building B natural lighting analyses is shown in **Figures 4-18 to 4-28** and **Table 4-2**

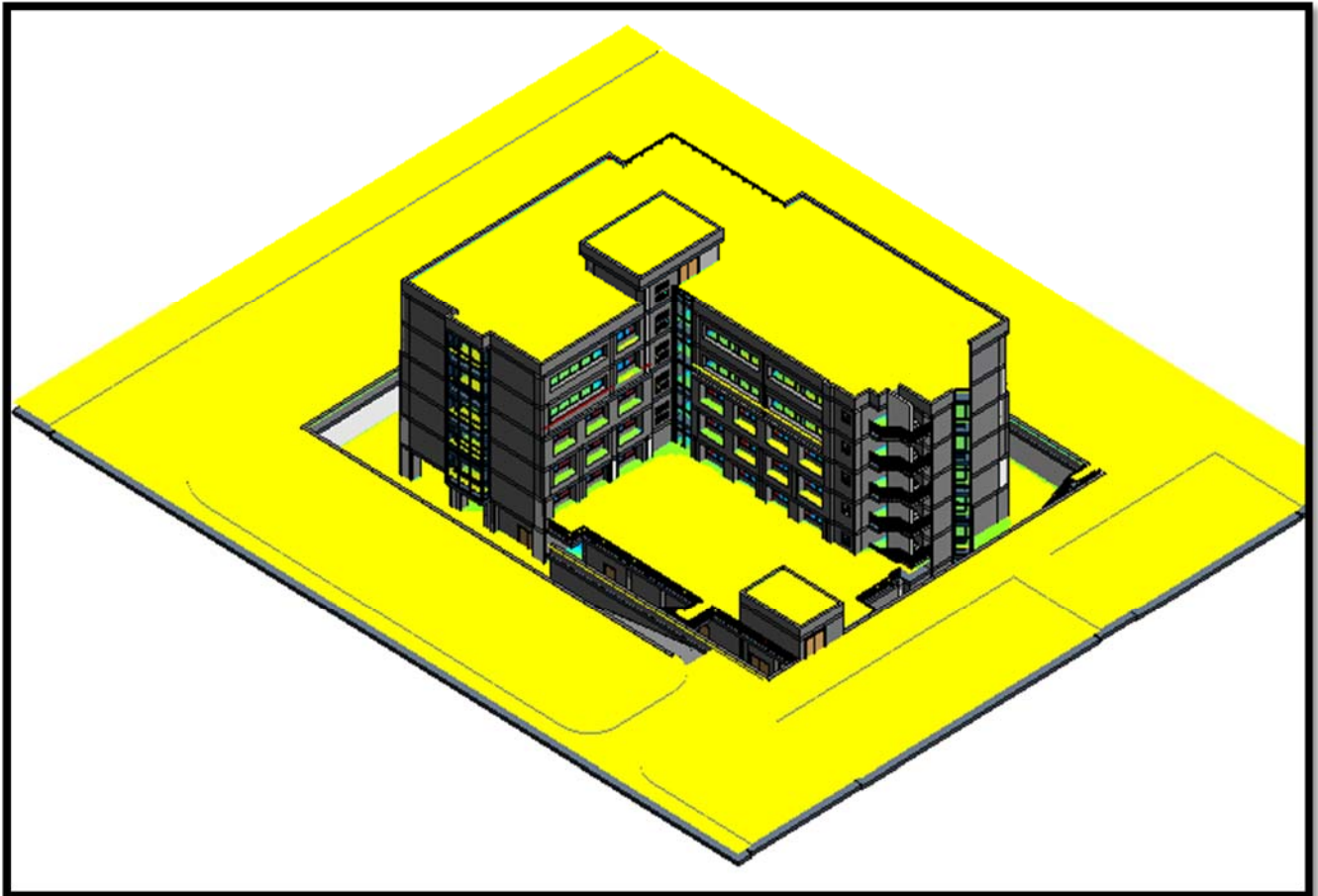


Figure (4-18) 3D lighting analyses

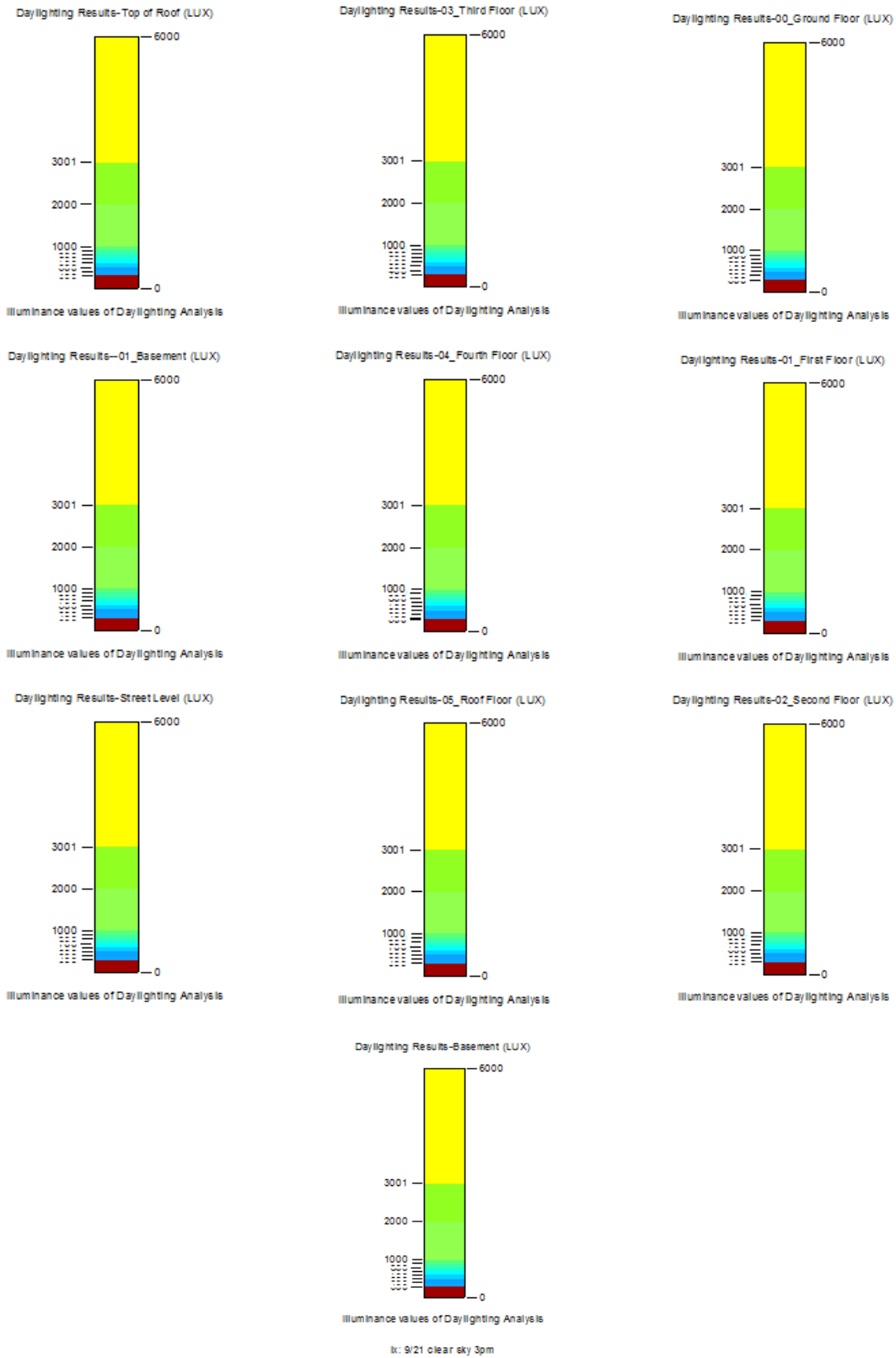


Figure (4-19) lighting analyses scales

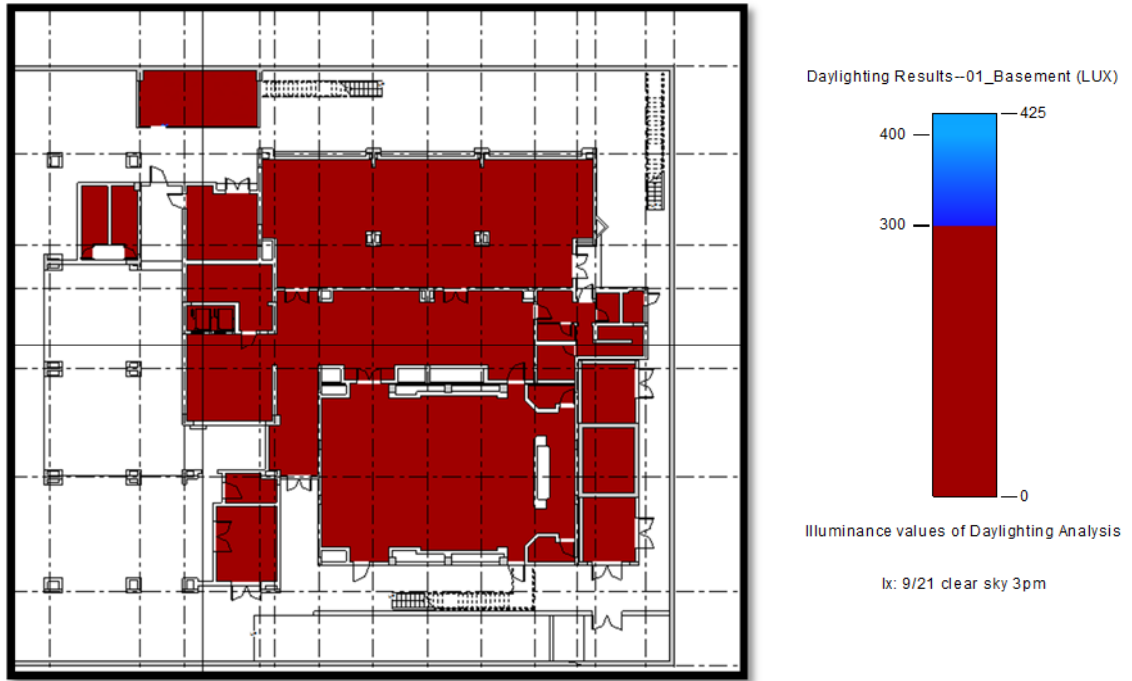


Figure (4-20) basement light analyses

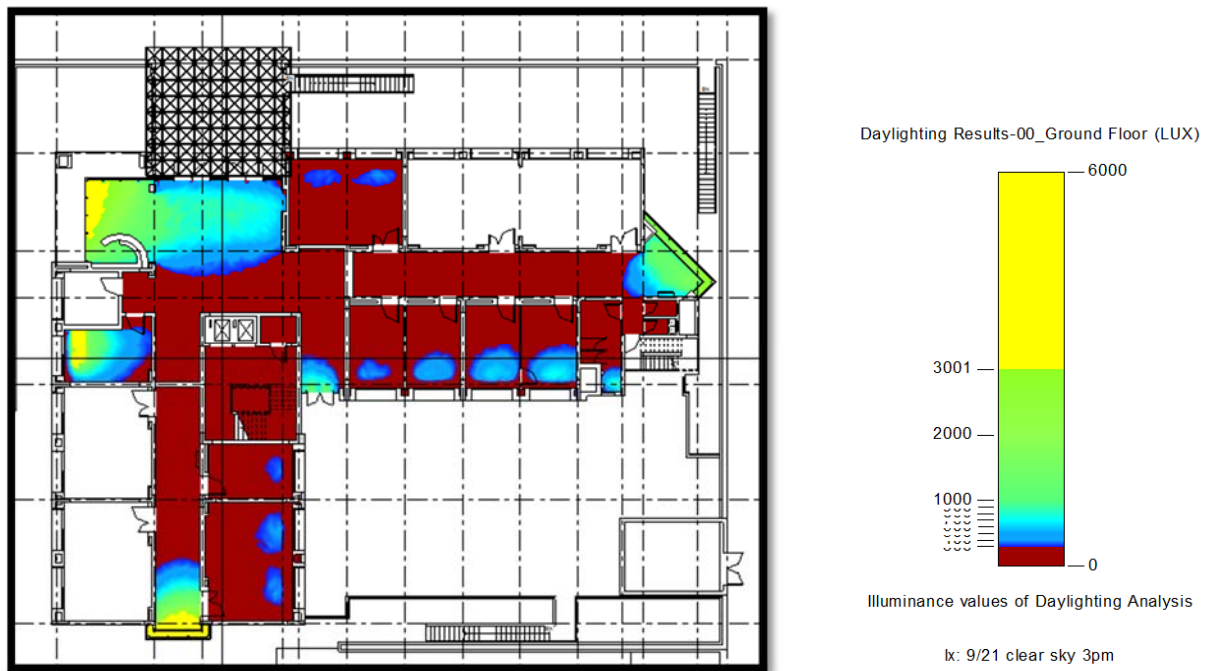


Figure (4-21) ground floor lighting analyses

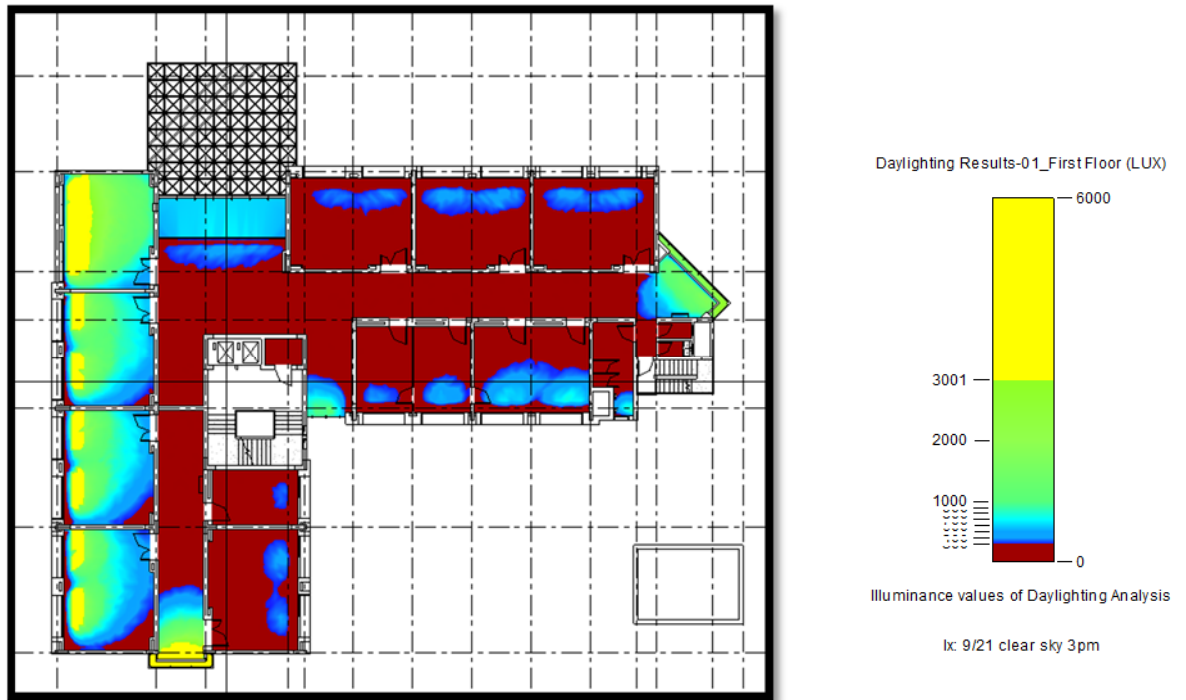


Figure (4-22) 1st floor lighting analyses

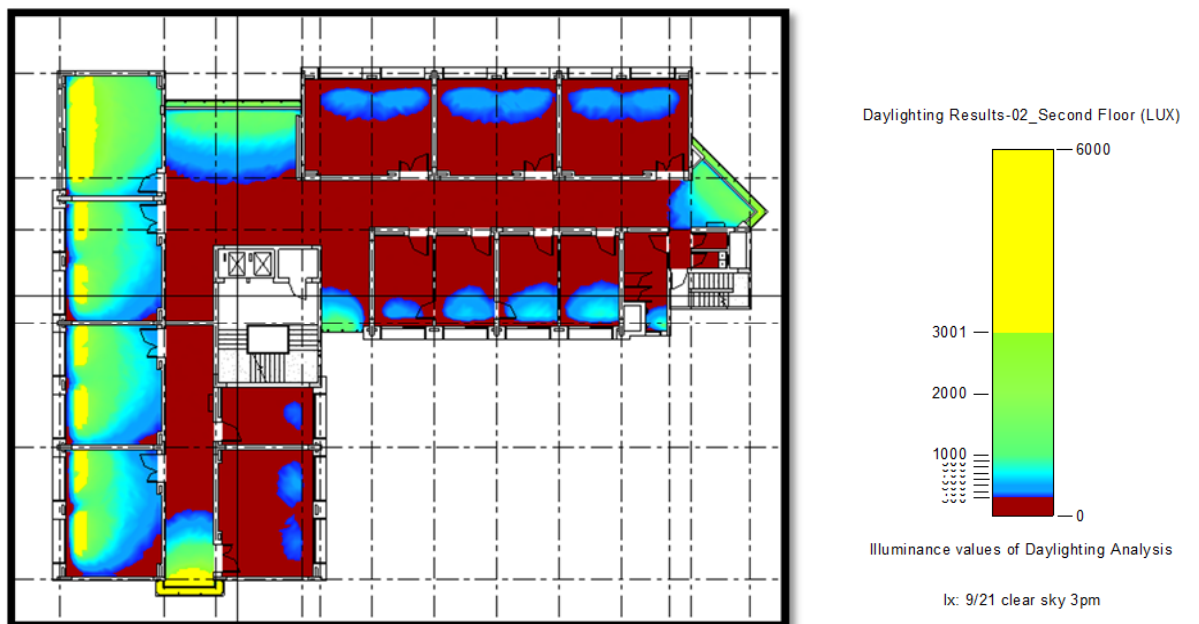


Figure (4-23) 2nd floor lighting analyses

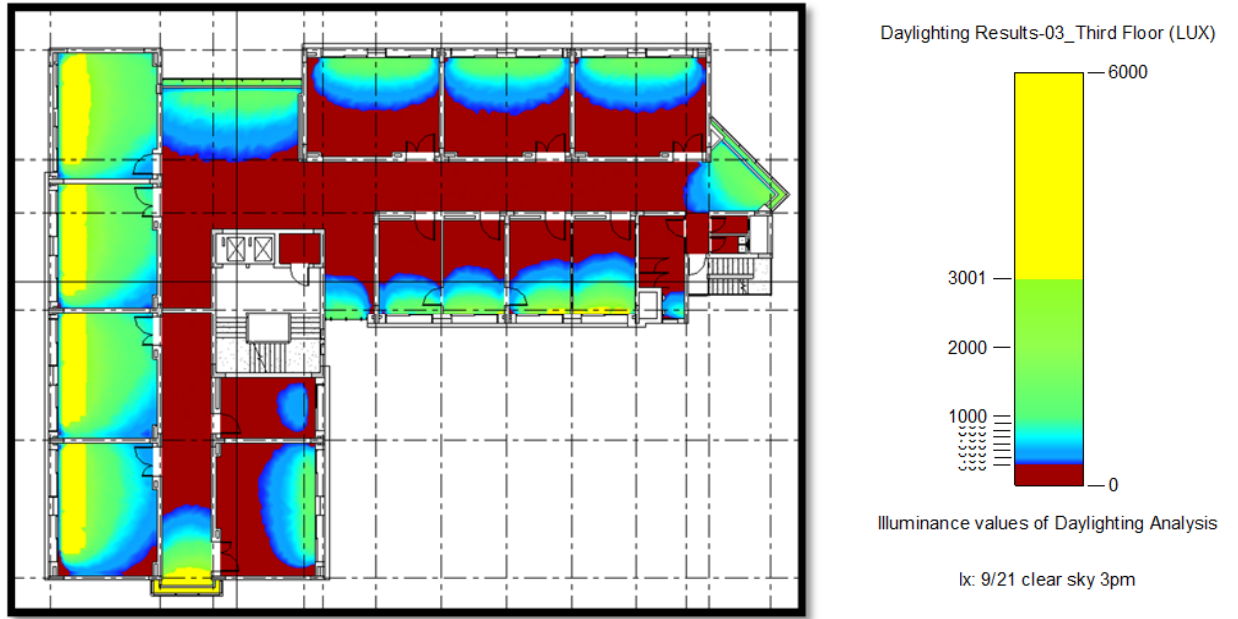


Figure (4-24) 3rd floor lighting analyses

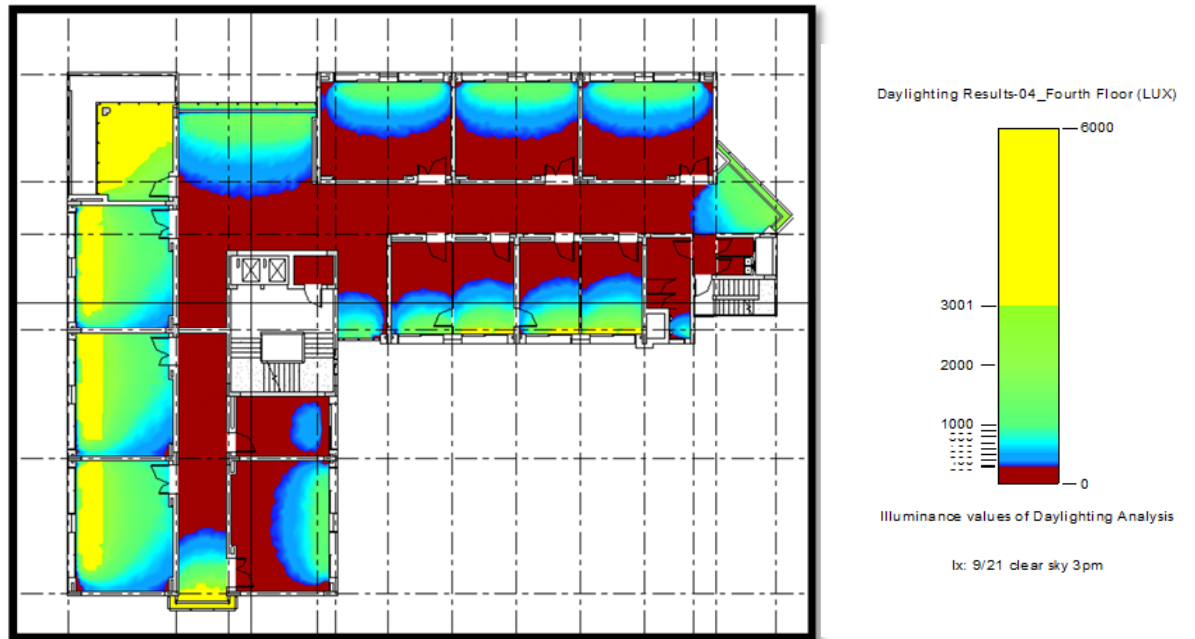


Figure (4-25) 4th floor lighting analyses

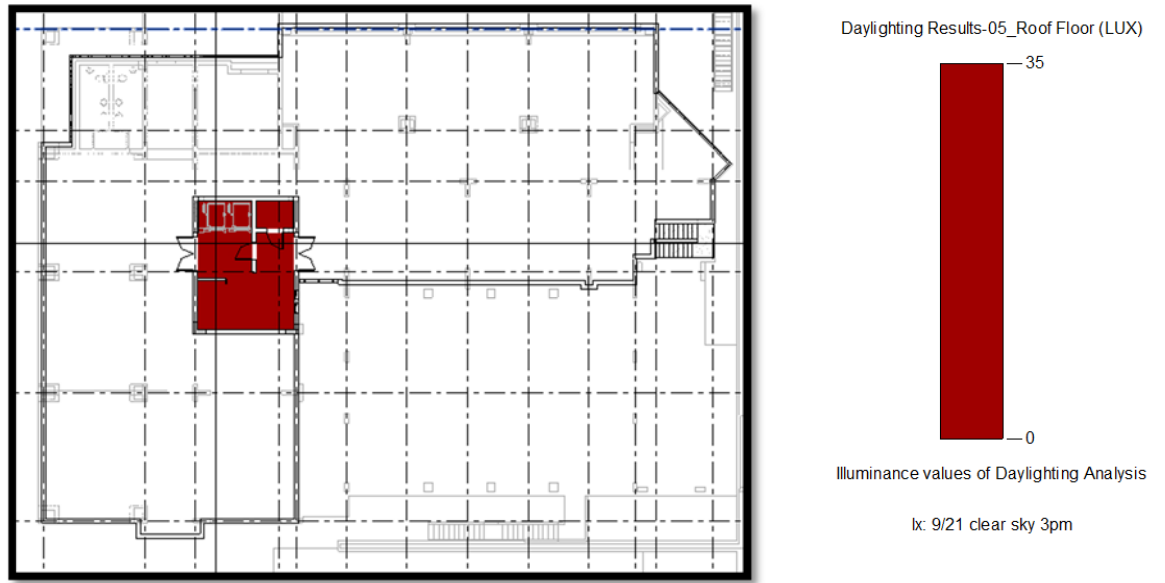


Figure (4-26) roof lighting analyses

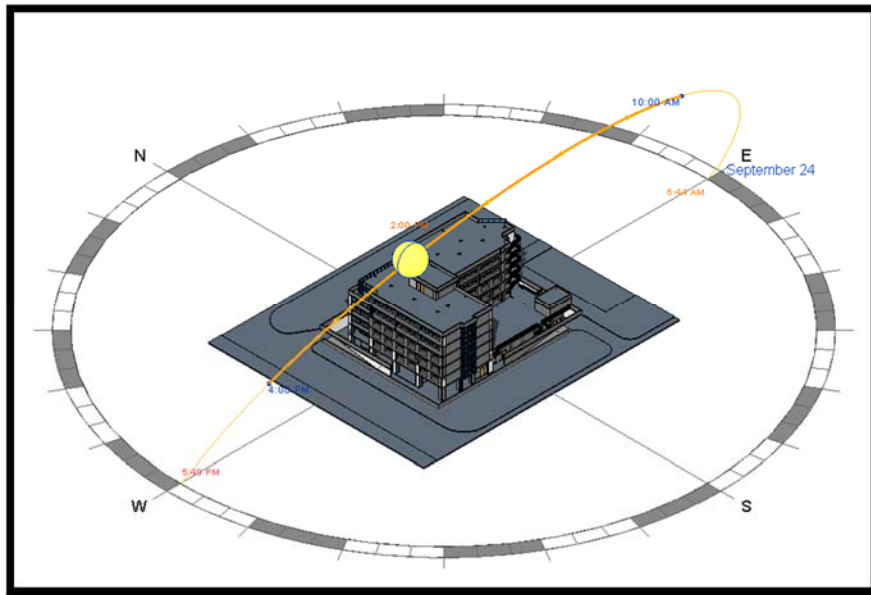


Figure (4-27) sun path analyses

Table (4-2): Building B Lighting Analyses Floor Schedule

Floor	Total area(m ²)	Daylight area(m ²)	Threshold results											
			9am						3pm					
			Within		Above		Below		Within		Above		Below	
			%	area	%	area	%	area	%	area	%	area	%	area
Basement	694	694	0	0	0	0	100	694	0	0	0	0	100	694
Ground	651	651	32	206	3	17	66	428	34	220	3	19	63	413
First	632	632	28	178	2	14	70	440	35	218	3	19	62	394
Second	627	627	32	201	2	13	66	412	40	249	3	19	57	359
Third	631	631	43	274	3	21	53	336	47	294	6	35	48	302
Fourth	616	616	47	288	4	23	50	305	47	288	7	40	47	287
Roof	43	43	0	0	0	0	100	43	0	0	0	0	100	43

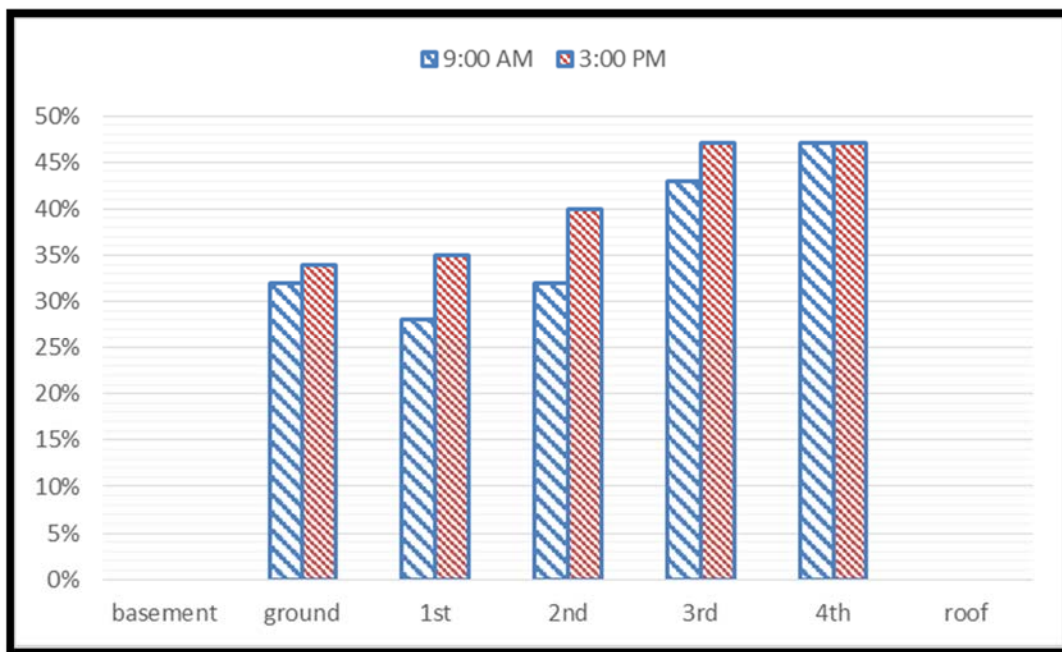


Figure 4-28: percentage of light distribution, floor analyses